



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3456-1

Job Sheet 204487



Part No: D3456-1

Job Qty: 100 pcs

Part Name: Washer



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/11/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 2/14/20

Description:

Type: SOLD

Note: DWG REV A IPP A 05.10.03 New issue KJ/JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard	Workcenter/Supplier		Sign-off
					Setup Run Hrs Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	100 pcs	2/14/20	2/14/20	0.00 0.00	Purchasing - 1		DEC 17 2019
						Purchasing - 2		
						Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	100 pcs	2/14/20	2/14/20	0.00 0.00	Packaging 2 - 1 - B4B		DEC 17 2019
						Packaging 2 - 2 - B4B		
						Packaging 2 - 3 - B4B		
						Packaging 2 - 5 - B4B		
						Packaging 2 - 4 - B4B		
						Packaging 2 - 6 - B4B		
						Packaging 2 - 7 - B4B		
						Packaging 2 - 8 - B4B		
						Packaging 2 - 9 - B4B		
						Packaging 2 - 10 - B4B		
						Packaging 2 - 11 - B4B		
						Packaging 2 - 12 - B4B		
						Packaging 2 - 13 - B4B		
						Packaging 2 - 14 - B4B		
						Packaging 2 - 15 - B4B		
						Packaging 2 - 16 - B4B		
						Packaging 2 - 17 - B4B		
						Packaging 2 - 18 - B4B		
						Packaging 2 - 19 - B4B		
						Packaging 2 - 20 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S241385



Part: D3456-1

Job No: 204487

Serial No/Batch: S241385

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 12/17/19

Plex 12/11/19 1:22 PM Dart.lajeunesse.marie

						B4B	
						Packaging 2 - 21 - B4B	
						Packaging 2 - 22 - B4B	
						Packaging 2 - 23 - B4B	
						Packaging 2 - 24 - B4B	
						Packaging 2 - 25 - B4B	
						Packaging 2 - 26 - B4B	
						Packaging 2 - 27 - B4B	
						Packaging 2 - 28 - B4B	
						Packaging 2 - 29 - B4B	
						Packaging 2 - 30 - B4B	
						Packaging 2 - 31 - B4B	
						Packaging 2 - 32 - B4B	
						Packaging 2 - 33 - B4B	
						Packaging 2 - 34 - B4B	
						Packaging 2 - 35 - B4B	
						Packaging 2 - 36 - B4B	
120	QC 6	100 pcs	2/14/20	0.00	0.00	QC 6 - 9	DAS
						QC 6 - 68	JAN 13 2020 68
						QC 6 - 61	9-89
						QC 6 - 40	
						QC 6 - 81	
130	Packaging 3-1 - Stock - B4B	100 pcs	2/14/20	0.00	0.00	Packaging 3 - 1 - B4B	
						Packaging 3 - 2 - B4B	
						Packaging 3 - 3 - B4B	
						Packaging 3 - 4 - B4B	
						Packaging 3 - 5 - B4B	
						Packaging 3 - 6 - B4B	
						Packaging 3 - 7 - B4B	
						Packaging 3 - 8 - B4B	
						Packaging 3 - 9 - B4B	
						Packaging 3 - 10 - B4B	
						Packaging 3 - 11 - B4B	
						Packaging 3 - 12 - B4B	
						Packaging 3 - 13 - B4B	
						Packaging 3 - 14 - B4B	
						Packaging 3 - 15 - B4B	
						Packaging 3 - 16 - B4B	
						Packaging 3 - 17 - B4B	

					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140	QC 21 - SA	100 pcs	2/14/20	0.00 0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	DAS
					QC 21 - SA - 53	21
					Broussard	9-69
Part Op 100 - Purchasing - Issue P/O: _____ P/N: 91525A120 per Dwg D3456 Possible Supplier: McMaster-Carr Descriptions: 110 - Receive & Inspect for Damage & Mat'l Certs - Ensure Material Release Note is attached 120 - QC6- All purchased or subcontracted products 130 - Identify as per dwg & Stock Location: _____ 140 - QC21- Final Inspection - Work Order Release)						JAN 13 2020
Job BOM						
Part / Item	Component Name	Quantity	Operation	Container		
91525A120	washer D3456-1	100 pcs (1 ea)	100-Purchasing	S241383		
Job Allocations						
Operation	Component Part	Required	Inventory	Allocated		
100-Purchasing	91525A120	100	0	0		
Part Specifications						
Specifications could not be found.						

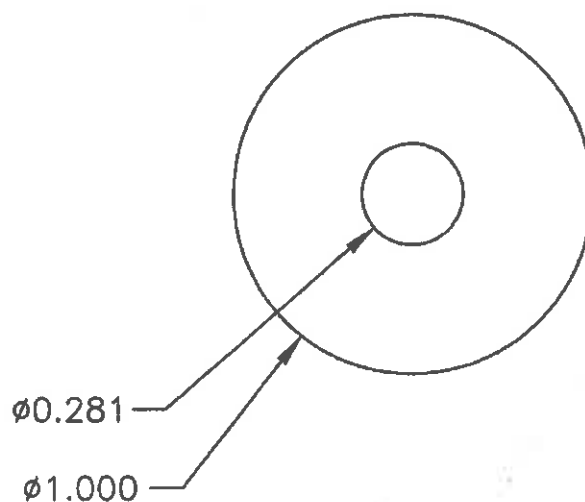
Plex 12/11/19 1:22 PM Dart.Lajeunesse.marie



DESIGN CP	DRAWN BY CP	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3456	REV. A SHEET 1 OF 1
DATE 05.09.01		TITLE WASHER	SCALE 2:1
A	05.09.01	NEW ISSUE	

RELEASED
05.09.06 *[Signature]*

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 204487 MJS
19-12-11

D3456-1 WASHER

- 1) MATERIAL: 316 STAINLESS STEEL, 0.050" THICK
- 2) MAY PURCHASE McMASTER-CARR P/N 91525A120
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 2005 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION			DEPARTMENT/PROCESS						MRB (QS1042)		
Date : _____		Sequence #: _____		QTY Affected : _____		Disposition						Completed By	
Description Work Order Deviation		Rework ☐ Scrap ☐ Use-as-is ☐		Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY											
		Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____		Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐		Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐					
		Lead hand / Supervisor											
		QC / QA Coordinator											



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB045407



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045407

PO Date: 12/16/19

Due Date: 12/18/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

DEC 16 2019

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items													
Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		188-FSCS-1032-5/8		92210A303	Flat socket cap Screw	Firmed X100	-	12/18/19	100 Ea	0 Ea	100 Ea DEC 17 2019	\$0.0761/Ea	\$7.61
2		5972K289			Bearing	Firmed X2	-	12/18/19	2 Ea	0 Ea	2 Ea DEC 17 2019	\$10.42/Ea	\$20.84
3		6630T220		1/pk	Black Polypropylene Ball Knob with M8X 1.25 Threaded Hole X 32 mm Head Dia.	Firmed X4	-	12/18/19	4 Ea	0 Ea	4 Ea DEC 17 2019	\$1.35/Ea	\$5.40
4		8747K198		1 PCS/ 16 SF	PVC Sheet, Type 1 Plastic, 4' wide x 4' long x 1" thick	Firmed	-	12/18/19	16 sf	0 sf	16 sf	\$25.0175/sf	\$400.28
5		91257A758		1/pack	Bolt Grade 8 Steel, 1/2"-20 Thread, 5-1/2" Long Partially Threaded	Firmed X4	-	12/18/19	4 Ea	0 Ea	4 Ea DEC 17 2019	\$2.00/Ea	\$8.00
6	204487	91525A120		25/pk	washer D3456-1 : AS PER DWG D3456 REV.A	Firmed X100	-	12/18/19	100 pcs	0 pcs	100 pcs DEC 17 2019	\$0.232/pcs	\$23.20

Plex 12/16/19 3:23 PM Dart.Lavoie.Chantal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045407



Items													
Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
7	204626	93625A300		50/pk	Locknut D5678-1 AS PER DWG D5678 REV. A	Firmed	-	12/18/19	100 pcs	0 pcs	100 pcs	\$0.1736/pcs	\$17.36
8		91654A076		100/pk	Drive Screw #2 3/16" Long 18-8 Stainless Steel Screw Nails Size 2, 3/16" Long 100/pack	Firmed X100	-	12/18/19	100 Ea	0 Ea	100 Ea	\$0.0431/Ea	\$4.31
9		92196A276		50/pk	Screw	Firmed X50	-	12/18/19	50 Ea	0 Ea	50 Ea	\$0.1714/Ea	\$8.57
10		93275A034		1/pk	Rod	Firmed X1	-	12/18/19	1 Ea	0 Ea	1 Ea	\$2.93/Ea	\$2.93
11		98378A909		1/pk	Perforator Pin .129" X 2-1/2"	Firmed X4	-	12/18/19	4 Ea	0 Ea	4 Ea	\$6.82/Ea	\$27.32
12		9642K63		1/pk	440C SS Ball 3/4" Dia.	Firmed X2	-	12/18/19	2 Ea	0 Ea	2 Ea	\$4.43/Ea	\$8.86
13		C45-15-13		6381K171 1/pk	Bushing for SWA6A	Firmed X6	-	12/18/19	6 Ea	0 Ea	6 Ea	\$2.68/Ea	\$16.08
14		EL-PLUG-F		7216k6 1/pk color yellow	3-Prong Female Spade Plug	Firmed X10	-	12/18/19	10 Ea	0 Ea	10 Ea	\$13.60/Ea	\$136.00
15		SWA3-700		9529K15 100/per pk	Bearing Balls - 1/4"	Firmed X200	-	12/18/19	200 Ea	0 Ea	200 Ea	\$0.1332/Ea	\$26.64
16	204681	1722A42	D4305	10/pack	Holder AS PER DWG D4004 REV. B	Firmed X10	-	12/18/19	10 pcs	0 pcs	10 pcs	\$0.76/pcs	\$7.60
Grand Total:													\$721.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB045407



Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

CL

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/16/19 3:23 PM Dart.Lavoie.Chantal

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB045407

Order Placed By
Chantal Lavoie

McMaster-Carr Number
6537356-01

Page 1 of 2

12/16/2019

Line	Product	Ordered	Shipped
1	92210A303 18-8 Stainless Steel Hex Drive Flat Head Screw, 10-32 Thread Size, 5/8" Long, Packs of 100	1 Pack	1
2	5972K289 Ball Bearing, Sealed, Trade No. 6903-2RS, for 17 mm Shaft Diameter	2 Each	2
3	6630T22 Black Polypropylene Ball Knob with M8 x 1.25mm Threaded Hole, 32mm Head Diameter	4 Each	4
5	91257A758 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 1/2"-20 Thread, 5-1/2" Long, Partially Threaded, Packs of 1	4 Packs	4
6	91525A120 316 Stainless Steel Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1" OD, Packs of 25	4 Packs	4
7	91654A076 18-8 Stainless Steel Screw Nails for Metal, Plastic and Plywood, Size 2, 3/16" Long, Packs of 100	1 Pack	1
8	92196A276 18-8 Stainless Steel Socket Head Screw, 10-32 Thread Size, 1-1/4" Long, Partially Threaded, Packs of 50	1 Pack	1
9	93275A034 Black-Oxide Steel Setup Stud, M8 x 1.25 mm Thread, 31 mm Thread Lengths, 110 mm Long	1 Each	1
10	98378A909 Core Pin, 0.129" Diameter, 2-1/2" Long	4 Each	4
11	9642K63 Tight-Tolerance Hardened 440C Stainless Steel Ball, 3/4" Diameter, Packs of 1	2 Packs	2
12	6381K171 Multipurpose SAE 660 Leaded Bronze Sleeve Bearing for 3/4" Shaft Diameter and 7/8" Housing ID, 1" Long	6 Each	6
13	7216K6 Hinged Straight-Blade Housing, 3-Slot Socket, NEMA 5-15, Yellow	10 Each	10
14	9529K15 Hardened Bearing-Quality 440C Stainless Steel Ball, 1/4" Diameter, Packs of 100	2 Packs	2
15	1722A42 Spring Clip Holder for 5/16" to 3/4" Item Diameter, Nickel-Plated Steel, Packs of 10	1 Pack	1

DAS
68
9-89

Shipped separately from our Cleveland warehouse on 12/16

4 8747K198 Chemical-Resistant PVC Sheet, 48" x 48" x 1"

1 Each 1

RECEIVED

DEC 17 2019

DART AEROSPACE LTD.

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB045407

Order Placed By
Chantal Lavoie

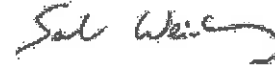
McMaster-Carr Number
6537356-01

Page 2 of 2

12/16/2019

Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.



Sarah Weinberg
Compliance Manager